



**The University of Miami's Miller School of Medicine Medical Scientist Training Program (MSTP)** provides a rich training environment that fosters the development of exceptional individuals as both biomedical researchers and clinicians. We believe that such dually trained individuals will become the future intellectual leaders in medicine dedicated to improving health through research. There has been a long tradition of research excellence and physician scientist training at the Miller School of Medicine. With the opportunities for basic and clinical research here, Miami's diverse population and access to Latin America and the Caribbean, and the backdrop of a vibrant city, the Miller School a unique place for MD / PhD training. Developing new treatments and cures for disease through biomedical research is a top priority for the institution, with is made possible by more than \$260 million in research funding and the availability of over 1.9 million square feet of research facilities.

### Qualifications and Admissions

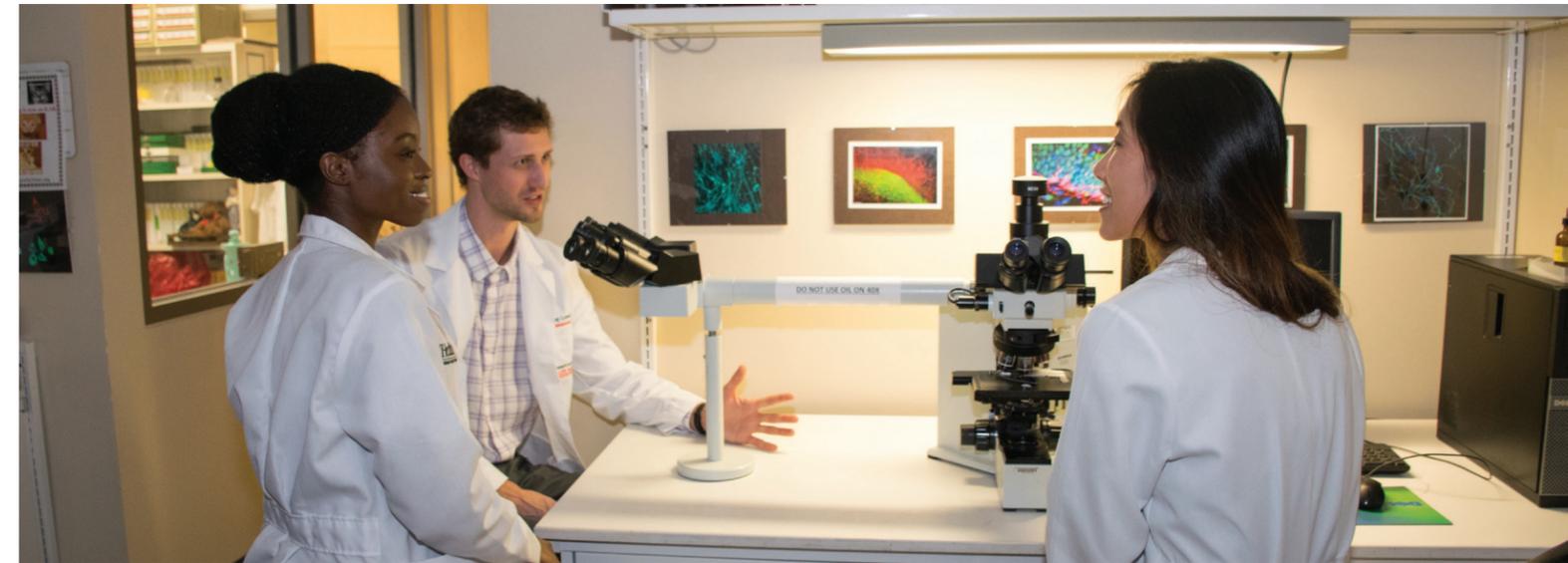
All applicants must be US citizens or permanent residents of the United States and hold a bachelor degree from an accredited institution. Florida residency is not required for admission to the MSTP. Applicants usually have an undergraduate science GPA of at least 3.4 and a composite MCAT score of at least 87% for consideration. Candidates must provide tangible evidence of a commitment to biomedical research, substantial laboratory or other relevant research experience and scientific talent. Applications from woman and under-represented groups including minorities and individuals with disabilities are encouraged.

**Admission** Admission to the Medical Scientist Training Program is highly competitive, and interested applicants are advised to apply early fall. Please see the Medical Admissions website for instructions and deadlines: [biomed.med.miami.edu/graduate-programs/mstp/admissions](http://biomed.med.miami.edu/graduate-programs/mstp/admissions)



### Financial Support

The UMMSM will provide full-tuition support, healthcare coverage and an annual stipend throughout all years of the program. Scholarship support for MSTP students is contingent upon satisfactory academic progress and completion of the PhD requirements prior to receiving the MD degree.



### Program Structure

MSTP students take the first two years of medical school (MS1, MS2), followed by graduate training and then complete their clinical clerkships (MS3, MS4). However, the MSTP at the UMMSM seeks to integrate research-related and medical training components during each phase of the program. Students participate in all program activities, including monthly Clinical Case Studies, monthly Scientific & Professional Development Workshops and the annual MSTP Research Symposium.

### Medical School Years

The University of Miami Miller School of Medicine is undergoing a curriculum change, please visit our website for additional information on the NextGenMD Curriculum: [admissions.med.miami.edu/md-programs/general-md/curriculum/the-curriculum-on-the-miami-campus](http://admissions.med.miami.edu/md-programs/general-md/curriculum/the-curriculum-on-the-miami-campus)



### PhD Training Programs

Students are able to select among ten PhD graduate training programs. During the first year of graduate training, MSTP students participate in the PIBS curriculum (except Public Health Sciences & Biomedical Engineering students) and select additional courses to fulfill their program requirements. In subsequent years, coursework is completed and students spend most of their time on research and other graduate program activities. During graduate school, students take time for longitudinal clinical experiences to reinforce their medical skills and / or gain experience in a specific clinical discipline.

### The following doctoral programs participate in the MSTP:

- Biochemistry & Molecular Biology
- Biomedical Engineering
- Cancer Biology
- Human Genetics & Genomics
- Microbiology & Immunology
- Molecular & Cellular Pharmacology
- Molecular Cell & Developmental Biology
- Neuroscience
- Physiology & Biophysics
- Public Health Sciences

## Living in Miami

Miami is a rapidly growing, multi-ethnic, cosmopolitan community. It offers a wide variety of films, concerts, opera, ballet, and theatrical performances, and several fine museums. Because of the city's subtropical location, the climate is mild year round. Nearby parks, ocean beaches, tropical gardens, and wildlife sanctuaries offer abundant opportunities for outdoor recreation.



**Sandra Lemmon, PhD**  
Director, MSTP  
Professor, Molecular & Cellular Pharm



**Alessia Fornoni, MD, PhD**  
Associate Director, MSTP  
Professor of Medicine



**Santos Cayetano**  
Assistant Director, MSTP

**University of Miami**  
**Miller School of Medicine**  
Graduate Studies  
**Medical Scientist Training Program**

1600 NW 10th Avenue, RMSB 1129  
Miami, FL 33136  
305 243 2478  
mstp@miami.edu

[mdphd.med.miami.edu](http://mdphd.med.miami.edu)



**MSTP**  
MEDICAL SCIENTIST  
TRAINING PROGRAM

UNIVERSITY OF MIAMI • MILLER SCHOOL OF MEDICINE